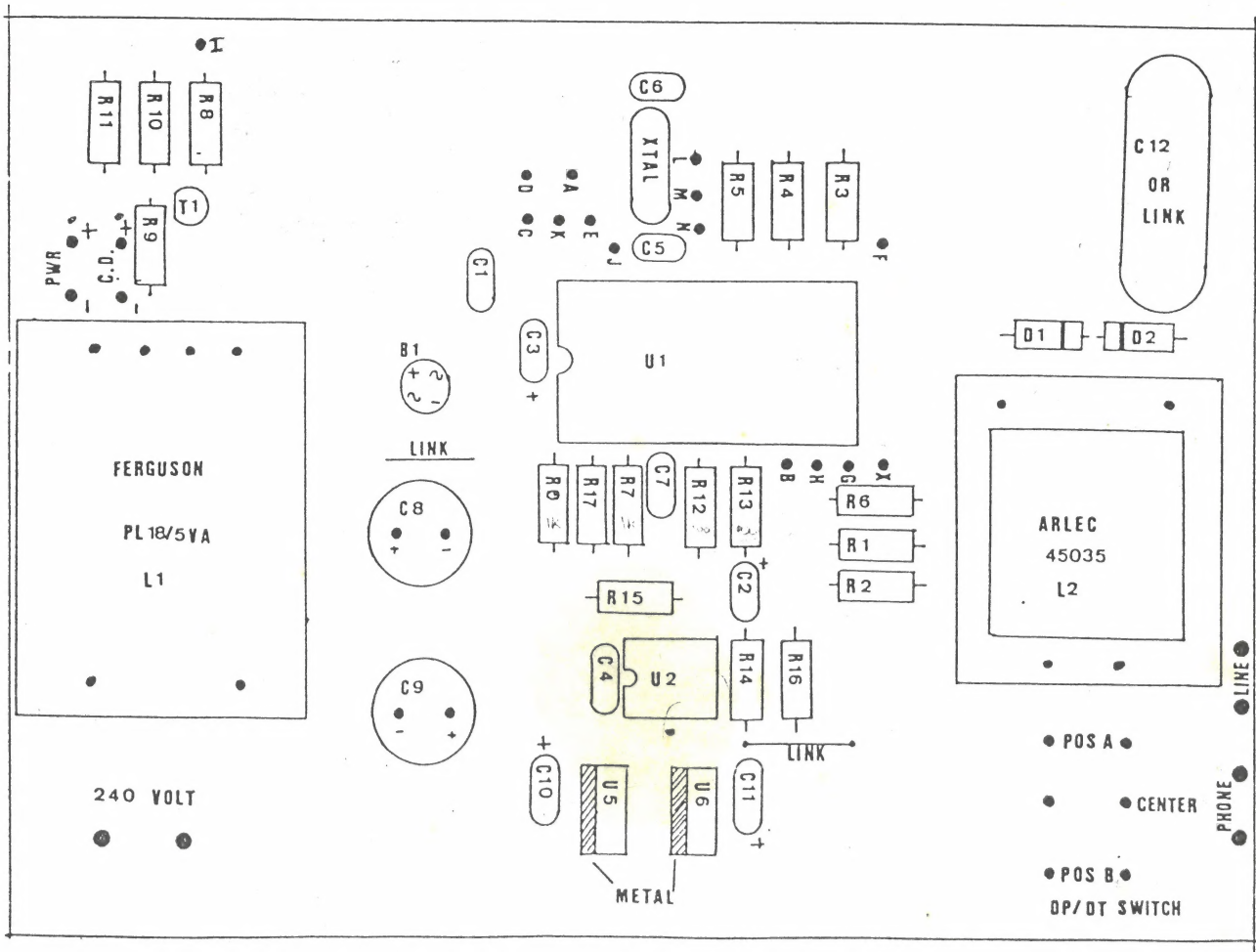
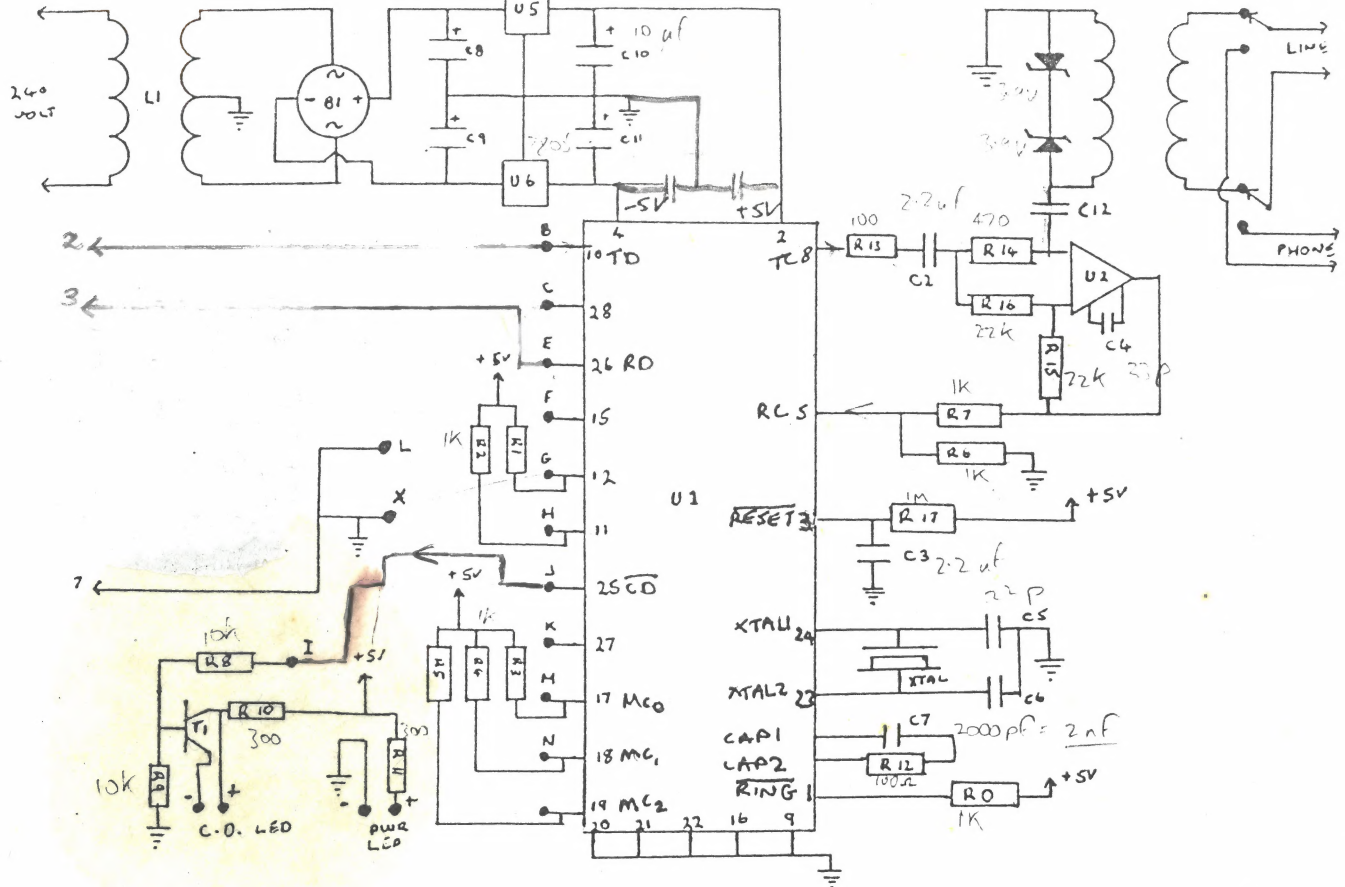
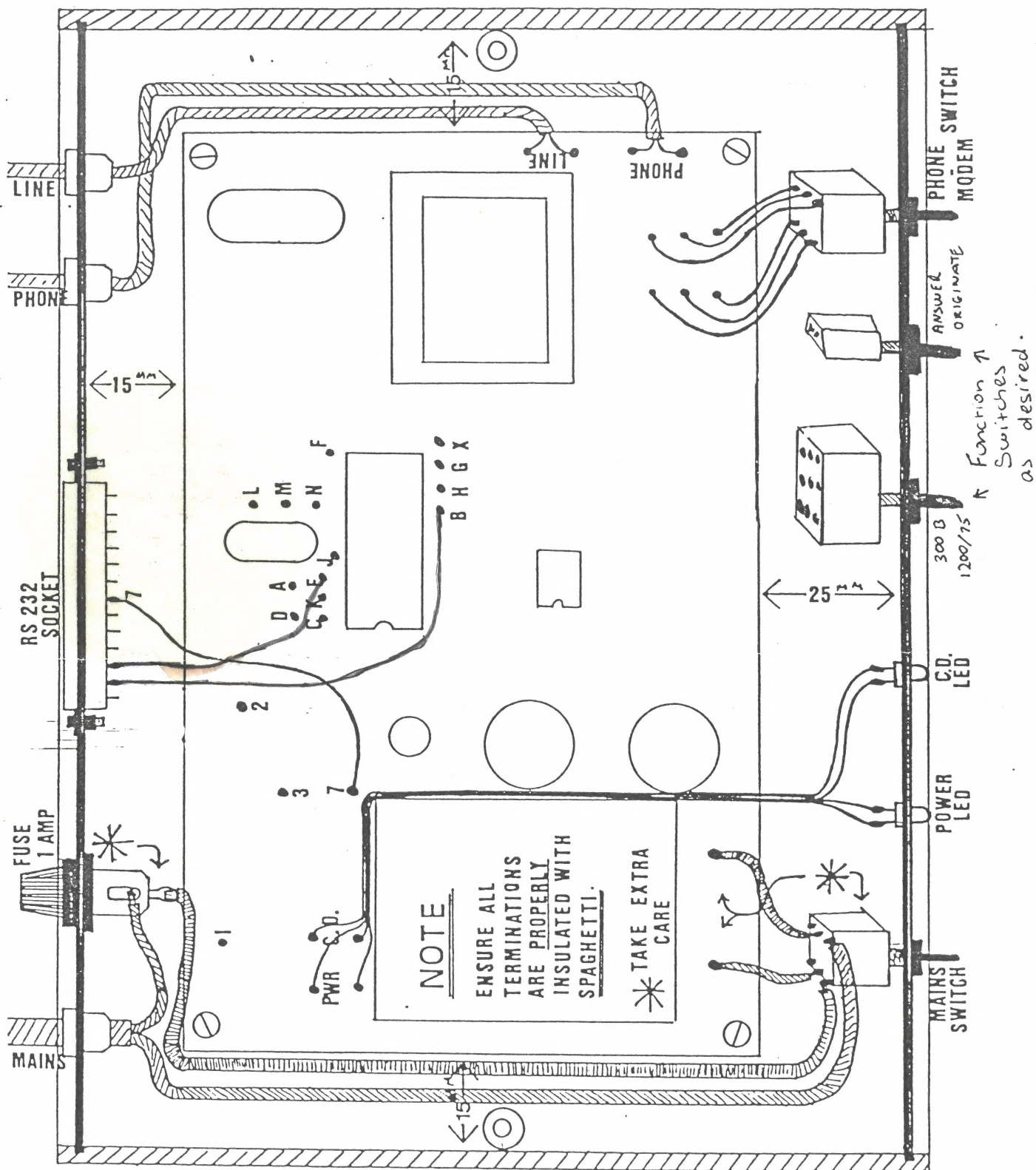


MK II

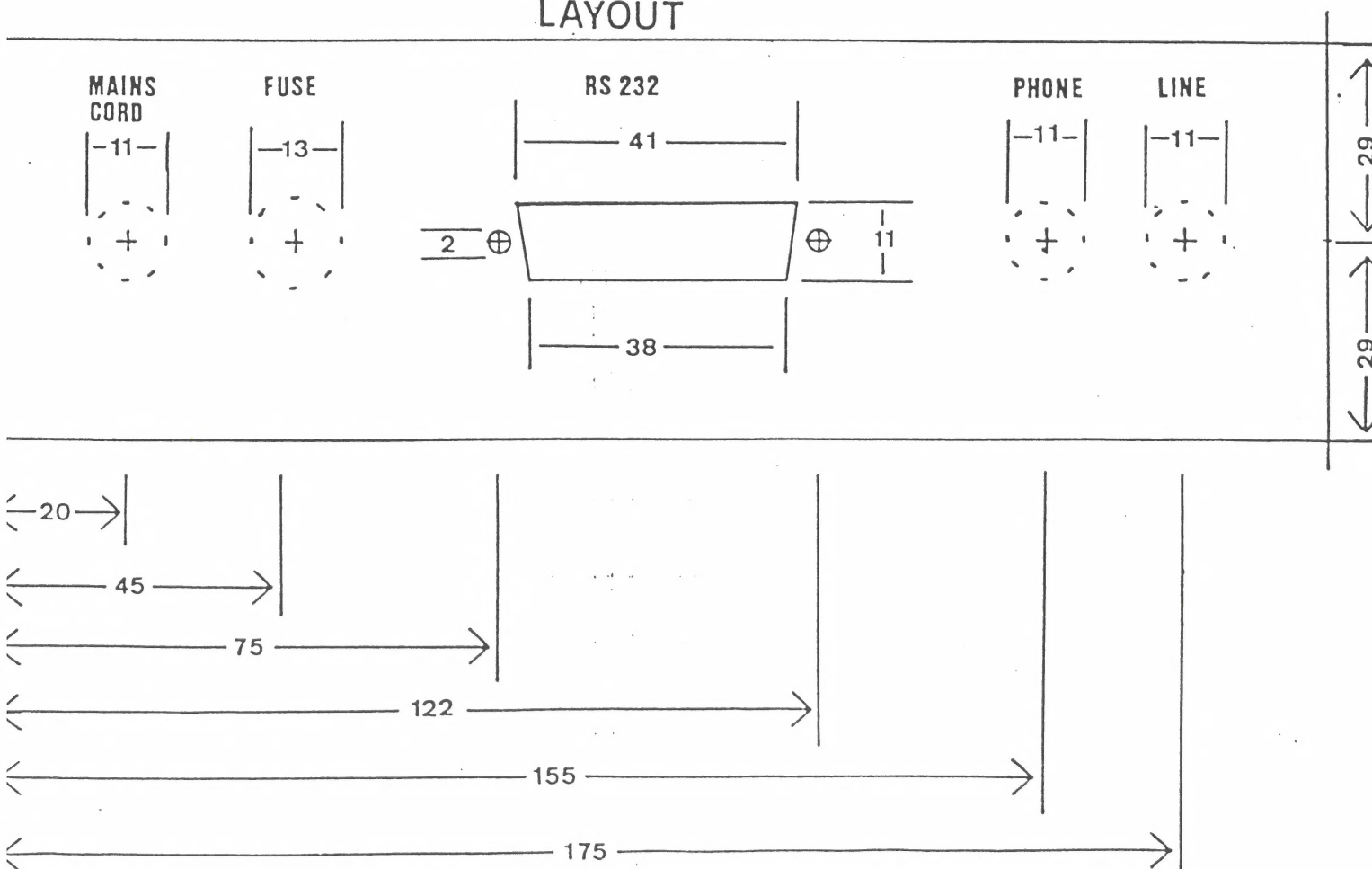




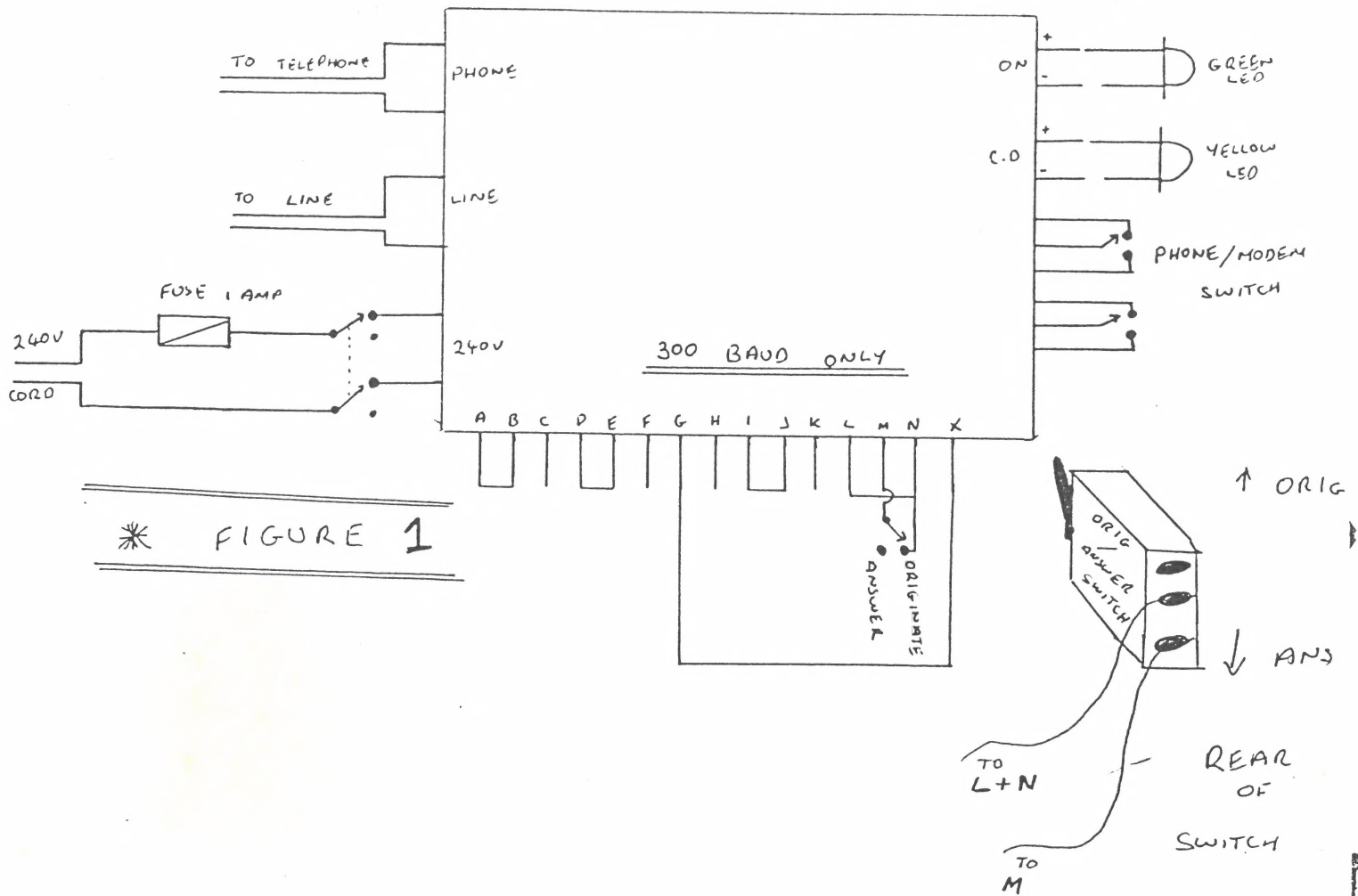
[illegible]

COMING SOON...

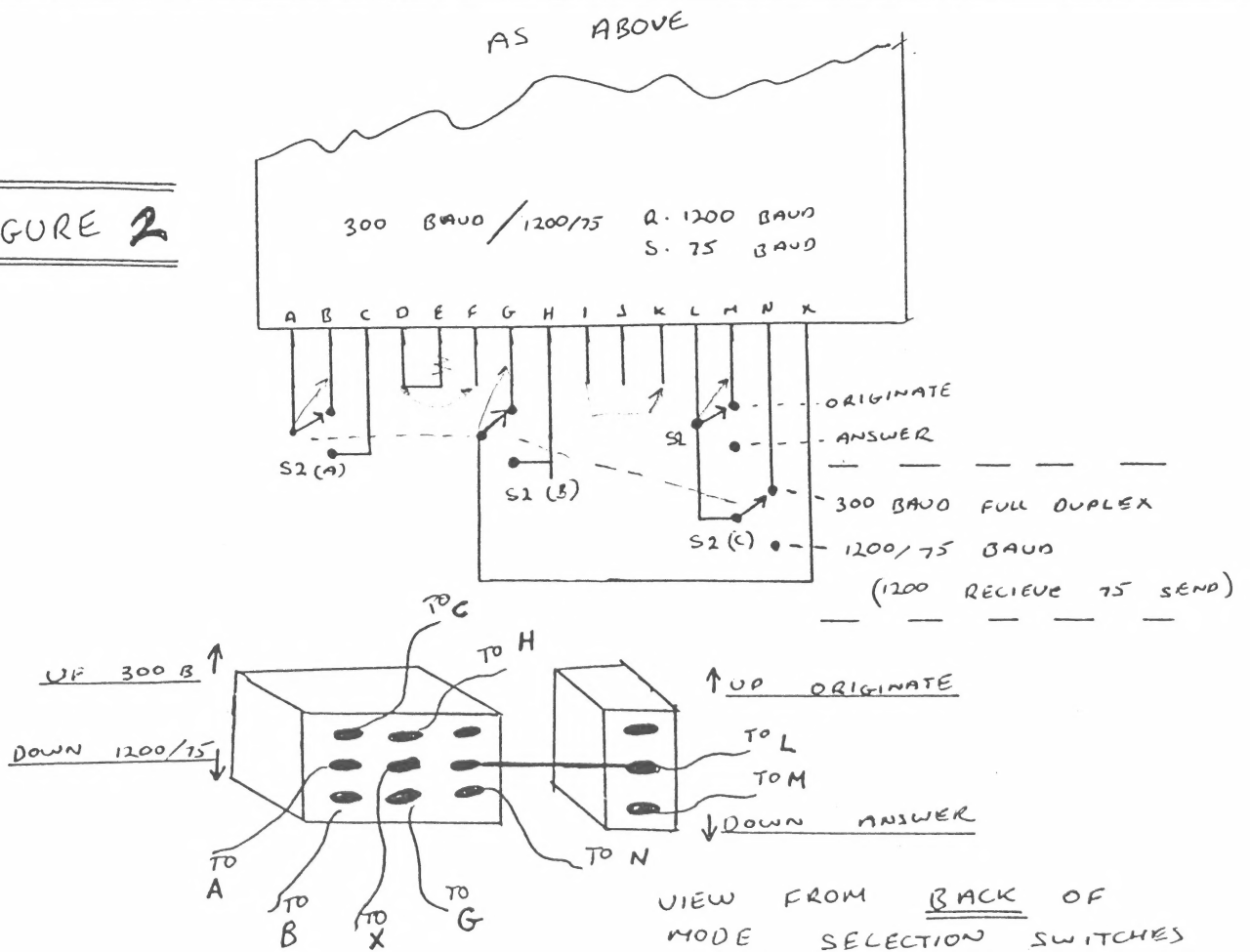
REAR PANEL LAYOUT



MODEM WIRING



*** FIGURE 2**



Here is a list of the possible Modem Configurations available to you. Also on that list are details of the pins to connect together to achieve the different modes of operation. If the modem is to be permanently used in one mode, it can be hard wired that way. Otherwise selection switches can be used to toggle between different modes.

MODEM CONFIGURATION FOR 300 baud Full Duplex

=====

TX DATA	Main Channel	CONNECT A-B
RX DATA	Main Channel	CONNECT D-E
REQUEST TO SEND	Main Channel	CONNECT X-G
CARRIER DETECT	Main Channel	CONNECT I-J
ORIGINATE MODE	Pin 17 Low, Pin 18 Low	CONNECT L-M-N
ANSWER MODE	Pin 17 High, Pin 18 Low	CONNECT L-N

} See Figure 1*

MODEM CONFIGURATION FOR 1200 baud Rec, 75 baud Tx

=====

TX DATA	Back Channel	CONNECT A-C
RX DATA	Main Channel	CONNECT D-E
REQUEST TO SEND	Back Channel	CONNECT X-H
CARRIER DETECT	Main Channel	CONNECT I-J
PROGRAMMING PINS	Pin 17 Low, Pin 18 High	CONNECT L-M

} See Figure 2*

MODEM CONFIGURATION FOR 75 baud Rec, 1200 baud Tx

=====

TX DATA	Main Channel	CONNECT A-B
RX DATA	Back Channel	CONNECT D-F
REQUEST TO SEND	Main Channel	CONNECT X-G
CARRIER DETECT	Back Channel	CONNECT I-K
PROGRAMMING PINS	Pin 17 Low, Pin 18 High	CONNECT L-M

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PIN	FUNCTION
====	=====
A	DATA FROM YOUR COMPUTER VIA I.C. U3
B	DATA INPUT TO WORLD CHIP'S MAIN CHANNEL
C	DATA INPUT TO WORLD CHIP'S BACK CHANNEL
D	DATA TO YOUR COMPUTER VIA I.C. U4
E	DATA OUTPUT FROM WORLD CHIP'S MAIN CHANNEL
F	DATA OUTPUT FROM WORLD CHIP'S BACK CHANNEL
G	REQUEST TO SEND BACK CHANNEL (TIED HIGH BY R1)
H	REQUEST TO SEND MAIN CHANNEL (TIED HIGH BY R2)
I	INPUT TO C.D. LED CIRCUIT
J	C.D. OUTPUT FROM WORLD CHIP MAIN CHANNEL
K	C.D. OUTPUT FROM WORLD CHIP BACK CHANNEL
L	GROUND
M	WORLD CHIP ORIG/ANSWER PROGRAMMING PIN
N	WORLD CHIP 1200/75 / 300 BAUD PROGRAMMING PIN
X	GROUND